| index of | Claims                  |
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|          | I BERF BREN MAN BUN 188 |

| Application No. | Applicant(s)  |  |
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| 09/978,516      | LIN, HWAI-TAY |  |
| Examiner        | Art Unit      |  |
| Paul Durand     | 3721          |  |

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|--|-------------------|---|-------------------------|----------|----------|--|--|-------------|------------------|--------|--|----------|--|----------------|-----------------|----------|----------|--------------|-----------------------|
| 1  | Claim             | Date  | <del></del>             | - 018    |          |  |  |             |                  | 1 1    |  |          | T  | П              | Ť               | T        | $\top$   | Т            | Т                     |
| 1  | Final<br>Original | म्लेबी  |                         | Final    | Original |  |  |             |                  |        | Final  | Original |  |                |                 |          |          |              |                       |
| 102  |                   | T 1   I L   |                         | -        |          | $\vdash\vdash\vdash$                             |  | ++          | $\vdash$         | -      |  | 101      | -  | $\vdash$       | -               | +        | +        | 十            | +-                    |
| 103  |                   | <del>                                      </del> | <del>-   - - </del>     |          |          |  |  |             | + +              | 11     |  | 102      |  | $\Box$         | $\dashv$        | 7        |          | +            | T                     |
| 4         1         54         104         1         55         105         105         106         107  |                   | <del>┨╏╸╏╸╏╸╏╸╏</del>                             |                         |          |          |  | $\vdash$   | 1 1         |                  | 188    |  |          |  | П              | $\neg$          | _        |          | 十            | T                     |
| 55   | -                 | <del>      -   -   -   -  </del>                  | <del>-  `  -  - </del>  |          |          |  | <del>    -</del>                                 | +           | $\vdash$         | 1      |  |          |  | $\Box$         | T               | _        | $\neg$   | 1            | T                     |
| 106  |                   | <del>┞╏</del> ╸┤ <del>╶</del> ┼═┤╌┤               |                         | -        |          |  | <del>     </del>                                 | 1           |                  | 7::::  |  |          |  | П              | 寸               | 寸        |          | 十            | 1                     |
| 10   |                   |   | ++++                    | -        |          | $\Box$   | $\vdash$   | 1           | f                | 1      |  |          |  | П              | $\neg$          | 7        | 1        | $\top$       | T                     |
| Section   Sect |                   |   |                         | -        | 57       |  |  |             | $\Box$           | 7      |  | 107      |  | $\Box$         | T               |          | $\neg$   | T            |                       |
| 10   |                   |   |                         |          |          |  |  | 1 1         |                  | 7      |  | 108      |  |                |                 |          |          | $oxed{oxed}$ | $\mathbb{L}$          |
| 10   |                   |   |                         |          |          |  |  |             |                  |        |  |          |  |                |                 |          |          | L            | $\perp$               |
| 111  |                   |   |                         |          | 60       |  |  |             |                  |        |  |          |  |                |                 |          |          | $\perp$      | 上                     |
| 12   |                   |   |                         |          | 61       |  | $\Box \Box$                                      |             |                  |        |  |          |  |                | $\Box$          | [        |          | $\perp$      | $\perp$               |
| 13         2         63         113         114         115         115         115         115         115         115         115         115         115         115         116         115         116         117         18         66         116         117         118         118         118         118         118         118         118         118         119         119         120         120         121         121         121         121         121         121         121         121         122         122         122         123         123         123         124         125         125         125         126         126         127         127         127         127         127         127         127         127         127         128  |                   |   |                         |          | 62       |  |  |             |                  |        |  |          |  | Ш              | $\Box$          | $\perp$  | $\perp$  | $\bot$       | 4                     |
| 14   |                   | 2   |                         |          |          |  | $\Box$   |             |                  |        |  |          |  | $\sqcup$       |                 |          | _        | $\bot$       | 4                     |
| 15   | 14                |   |                         |          |          |  | Ш.   |             | $\perp \perp$    |        |  |          | $oxed{oxed}$                                     | $\sqcup$       | _               | $\dashv$ | _        | +            | $\bot$                |
| 16   |                   |   |                         |          |          |  | $\sqcup \!\!\! \perp$                            | $\bot \bot$ | 1                | 4      |  |          | <u> </u>   | $\sqcup$       | _               | _        |          | 4            | +                     |
| 17   |                   |   |                         |          |          |  | $\sqcup \bot$                                    | $\bot \bot$ | $\bot \bot$      | 4      |  |          |  |                | $\dashv$        | _        |          | +            | +                     |
| 19   |                   |   |                         |          |          |  | <u> </u>   | $\bot \bot$ | 1                | 4      |  |          |  | $\sqcup$       | _               | -        | _        | 4-           | +                     |
| To   To   To   To   To   To   To   To  |                   |   |                         |          |          |  |  | +           |                  | -      |  |          |  | -              | $\dashv$        | -        |          | +            | +-                    |
| Total  |                   |   |                         | <u> </u> |          | _   _  | $\vdash$   | +-          | $\vdash$         | -      |  |          |  | 1              | -               |          |          | +            | ┼-                    |
| 22         72         122         123         123         124         124         124         124         124         124         124         124         124         124         125         125         125         126         126         127         127         127         127         128         128         128         128         128         128         128         128         128         128         128         128         129         129         129         130         130         130         130         131         131         131         131         131         131         132         133         134         134         134         134         134         134         134         134         134         134         134         135         135         135         136         137         137         137         137         137         137         137         137         137  |                   |   |                         |          |          |  |  | <b>┼-</b>   | -   -            | -      |  |          | -  | $\vdash$       | $\dashv$        | -        |          | +            | +                     |
| 23         73         123         124         124         124         124         124         124         124         124         124         125         125         126         126         126         126         127         127         127         127         128         128         128         128         128         129         129         129         129         130         130         130         130         131         131         131         131         132         132         133         134         134         134         134         134         134         134         134         134         134         134         134         134         134         134         134         134         134         134  |                   |   |                         | <u> </u> |          |  |  | +           | -                | -      |  |          |  | ╁┈┤            | $\dashv$        | -+       |          | +            | +-                    |
| 24         74         124         125         125         125         125         125         126         126         126         126         127         127         127         127         127         127         128         128         128         128         129         129         129         129         130         130         130         130         130         130         131         131         131         131         132         132         132         132         133         133         133         133         133         134         134         134         134         134         134         134         134         134         135         135         135         135         136         136         136         136         136         137         137         137         137         137         137         137         138         138         138         138         138         138         139         139         140         140         141         141         141         141         141         142         142         142         142         143         143         143         144         144         145         146         146  |                   |   |                         | <u> </u> |          |  | ₩-   | +           | ╁┿               | -      | -  | 122      |  | + -            | $\dashv$        | $\dashv$ | +        | +            | +                     |
| 25         75         125         126         126         126         127         127         127         127         127         127         128         129         129         129         129         129         130         130         130         130         131         131         131         132         132         132         132         132         132         133         133         133         133         133         134         134         134         134         134         134         134         134         134         134         135         135         135         135         135         135         136         136         136         137         137         137         137         138         139         139         139         139         139         139         140         141         141         141         141         141         142         143         143         143         144         144         144         144         144         144         144         144         144         144         144         144         144         144         144         145         146         146         146         146         146  |                   |   |                         | <u> </u> |          |  | <del>                                     </del> | + +-        | +-+              | -      |  |          | $\vdash$   | +              | $\dashv$        | $\dashv$ | $\dashv$ | +            | +                     |
| 26         76         126         127         127         127         127         127         127         128         128         128         128         129         129         129         130         130         130         130         131         131         131         131         131         132         132         132         132         132         133         133         133         133         133         134         134         134         134         134         134         135         135         135         136         136         136         137         137         137         137         137         137         137         137         137         137         138         138         138         138         138         138         139         140         140         140         141         141         141         141         141         142         142         143         143         143         144  |                   | <del>                                     </del>  |                         | -        |          |  | ┝┼   | + +-        | ++               | -      |  |          | $\vdash$   | $\vdash$       |                 | -        | -        | 十            | +                     |
| 27         28         127         128         128         128         128         128         129         129         129         129         130         130         130         131         131         131         131         131         131         131         131         131         132         132         132         132         133         133         133         133         133         134         134         134         134         134         134         135         135         135         135         135         135         136         137         137         137         137         137         138         138         138         138         138         138         139         140         140         140         141         141         141         141         141         141         141         142         142         142         143         144         144         144         144         144         144         144         144         144         144         145         145         146         146         147         147         147         147         147         147         148         148         148         148         148  |                   | <del>                                     </del>  |                         |          |          | <del>-     -</del>                               | ╁╌┼╴   | +           | <del>   -</del>  | -      |  |          | $\vdash$ $\vdash$                                | 1-             |                 | -        | $\dashv$ | +            | +-                    |
| 28         78         128         129           30         80         130         130         130           31         81         131         131         131           32         83         133         133         133           33         84         134         134         134           35         85         135         135         136           36         86         136         137         137         138           39         88         138         138         138         138         139         140         140         140         141         141         141         141         142         142         142         143         144  |                   | <del>                                     </del>  | <del>-   -   -  </del>  |          |          |  | +  | +           | ++               | -      |  |          |  | +              | $\dashv$        |          | $\top$   | 十            | ╈                     |
| 29         79         129           30         80         130           31         81         131           32         82         132           33         83         133           34         84         134           35         85         135           36         86         136           37         87         137           38         88         138           39         89         139           40         90         140           41         91         141           42         92         142           43         93         143           44         94         144           45         95         145           46         96         146           47         97         147           48         98         148  |                   | <del>                                     </del>  | <del>-  -  -  -  </del> | -        |          |  | <del> </del>                                     | +           | 1 1              | 1      |  |          | $\vdash$   | 1              | $\Box$          |          | $\dashv$ | $\top$       | 1                     |
| 30   |                   | <del>                                     </del>  |                         |          |          |  |  | +           | 1 1-             |        |  |          |  | T              | $\neg$          | ┪        | 1        | $\top$       | $\top$                |
| 31       81       131       132       132       132       133       133       133       133       133       133       133       134       134       134       134       134       134       135       135       136       136       136       136       137       137       137       137       137       138       138       138       138       138       138       139       139       139       139       140       140       140       141       141       141       141       141       142       142       142       143       143       144       144       144       145       146       146       147       147       147       148  |                   | <del>                                     </del>  | <del>- - - </del>       |          |          |  |  |             | 1                | 7      |  |          |  |                |                 |          |          | T            | I                     |
| 32       82       132         33       83       133         34       84       134         35       85       135         36       86       136         37       87       137         38       88       138         39       89       139         40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       148  |                   |   |                         |          |          |  |  |             |                  |        |  |          |  | П              |                 |          |          | T            | $ m oxedsymbol{oxed}$ |
| 33       34       35       36       35       36       37       38       37       38       39 <td< td=""><td></td><td><del>                                     </del></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><math>\perp</math></td><td><math>\perp</math></td><td><math>\perp</math></td></td<>   |                   | <del>                                     </del>  |                         |          |          |  |  |             |                  |        |  |          |  |                |                 |          | $\perp$  | $\perp$      | $\perp$               |
| 34       84       134         35       85       135         36       86       136         37       88       137         38       88       138         39       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       97       147         48       98       148  |                   |   |                         |          |          |  |  | TT          |                  |        |  |          |  |                |                 |          |          | $\perp$      | 丄                     |
| 35       36       37       38       37       38       39 <td< td=""><td></td><td></td><td></td><td></td><td>84</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_[</td><td></td><td></td><td><math>\perp</math></td></td<>   |                   |   |                         |          | 84       |  |  |             |                  |        |  |          |  |                |                 | _[       |          |              | $\perp$               |
| 36       37       38       136       137       137       137       138       138       138       138       138       139       139       139       139       139       139       139       140       140       140       140       141       141       141       141       141       141       141       142       142       142       143       143       144       144       144       144       144       144       145       145       146       146       147       147       147       148<  |                   |   |                         |          |          |  |  |             | $\perp \perp$    | _      |  |          |  | $\sqcup$       | $\Box$          | _        | $\perp$  | 4-           | 4                     |
| 37       87       137         38       138       138         39       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       97       147         48       98       148   | 36                |   |                         |          |          |  |  |             | <del>     </del> | 4      | L  |          | -  | $\perp$        | _               | _        | _        | 4            | 4                     |
| 39       89       139         40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       148  | 37                |   |                         |          |          | $\Box$   | Ш.   | 1-1-        | ↓                | 4      |  |          | - -  | $\perp$        | Щ               | _        | -        | +            | +                     |
| 40       90       140         41       91       141         42       92       142         43       93       143         44       94       144         45       95       145         46       96       146         47       97       147         48       98       148  |                   |   |                         |          |          |  | $\sqcup \!\!\! \perp$                            |             | $\bot\bot$       | _      |  |          | $\vdash \vdash$                                  | $\perp$        | $\sqcup$        | ļ        | +        | +            | +                     |
| 41     91       42     92       43     93       44     94       45     95       46     96       47     97       48     98  | 39                |   |                         |          |          |  | $\perp \perp$                                    | 44-         | $\bot \bot$      | _      | ļ  | 139      | $\vdash \vdash$                                  | 1              | $\sqcup$        |          | -        | +            | +                     |
| 42     92       43     93       44     94       45     95       46     96       47     97       48     98  |                   |   |                         |          |          | $\Box \bot$                                      | Ш-   | +           | +                | -      | <b> </b>   | 140      | -  | -              | $\vdash \vdash$ |          | -        | +            | +                     |
| 43     93       44     94       45     95       46     96       47     97       48     98  | 41                |   |                         | <u> </u> |          | $\vdash \vdash \vdash$                           | ₩.   | ++          | ++               | -      | <b> </b>   |          | -  | -              | $\vdash$        |          | +        | +            | +                     |
| 44     94       45     95       46     96       47     97       48     98  |                   | <del>                                     </del>  |                         | <u> </u> |          | ++-  | ₩-   | ++          | ╁┼               | -      | ⊢—   | 142      | <del>                                     </del> | $\vdash$       | $\vdash$        | $\dashv$ |          | +            | +                     |
| 45     95       46     96       47     97       48     98  | 43                | <del>╎╸</del> ┤╴┤╾┤╾┤                             |                         | <u> </u> | 93       | <del>                                     </del> | <del>                                     </del> | ++-         | ++               | -      | ├  |          |  | +-             | ⊢∤              | $\dashv$ | $\dashv$ | +            | +                     |
| 46     96       47     97       48     98  |                   | <del>╎╶╎╴╎</del> ╶┤ <del>┈</del> ┤                |                         | :        | 94       | <del>   -</del>                                  | $\vdash$   | ++-         | ++               | -      | <u> </u>   | 144      | $\vdash$   | +-             | $\vdash$        |          | +        | +            | +                     |
| 47     97       48     98  | 45                |   |                         | <u> </u> |          | $\vdash$   | ┼├-  | ++          | ++               | -      | $\vdash$   |          |  | $\vdash$       | $\vdash$        |          |          | +            | +                     |
| 48 98 148 148  | 46                | <del>┞┈╂┈╏╌</del> ┼═┩                             | <del></del>             | <u> </u> |          |  | ++   | ++          | + +              | -      | $\vdash \vdash$                                  |          | $\vdash$   | +              | $\vdash \vdash$ | -+       | $\dashv$ | +            | +                     |
|  |                   | <del>┞╶╏═╏╸</del> ┤╶┤                             |                         | <u> </u> |          | <del>                                     </del> | <del>                                     </del> | ++          | ++               | -      | ├  | 148      | <del>                                     </del> | +              | $\vdash \dashv$ | $\dashv$ | $\dashv$ | +            | +                     |
|  | 48                | <del>╎┈┼┈┼┈┤</del>                                |                         | <u> </u> | 98       | <del>├-╎-├-</del>                                | +  | ++          | +-+              | -      | ├  | 149      | <del>    .</del>                                 | +              | $\vdash$        | -        | $\dashv$ | +            | +                     |
| 49     99       50     100   | 49                | <del>╎═┼╸╏┈╏═</del> ┼╾┤                           |                         | <u> </u> | 100      | <del>   </del>                                   | ++   | ++          | ++               | -      | <del>                                     </del> |          | <del>                                     </del> | $\dagger \neg$ | $\vdash$        | +        | $\dashv$ | +            | +                     |

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